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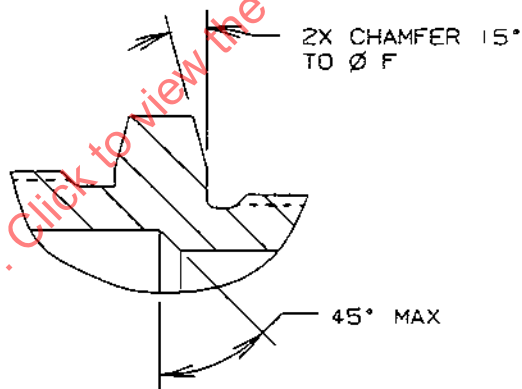
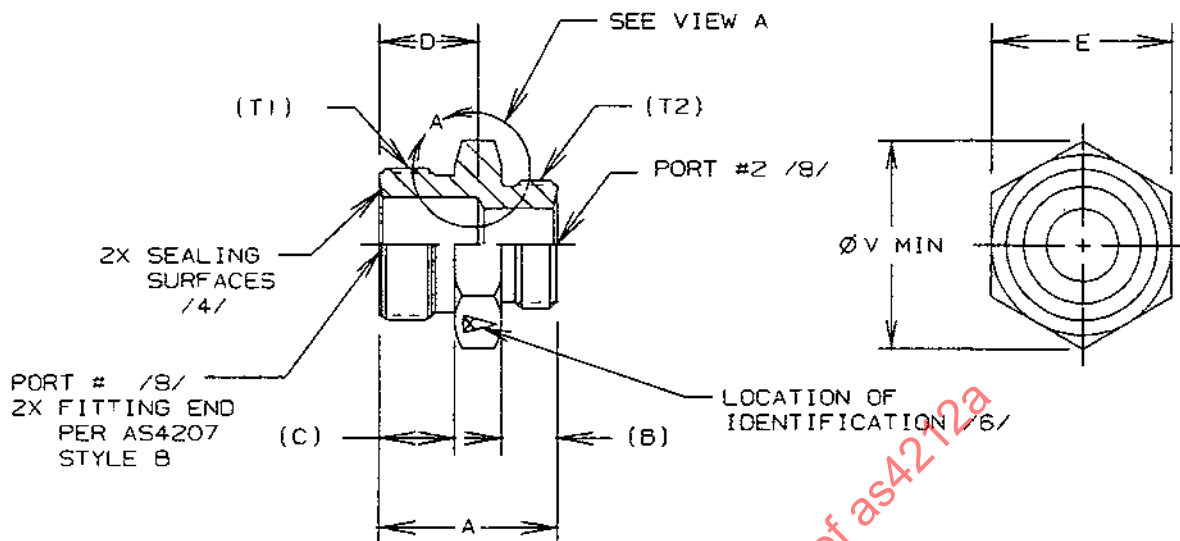
REV.
A

AS4212

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS4212A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

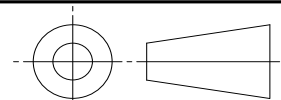


VIEW A
ENLARGED

(R) FIGURE 1 - FITTING, UNION, REDUCER

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4212A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ MIL-F-85421, MIL-F-85720



AEROSPACE STANDARD

FITTING, UNION,
REDUCER, BEAM SEAL

AS4212
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REV.
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TABLE 1A - DIMENSIONS

BASIC NO. AS4212 /16/ SIZE CODE	T1 THREAD CLASS 3A	T2 THREAD CLASS 3A	A	B	C	D
0403	.4375-24UNJS	.3750-28UNJS	.670	.233	.275	.325
0504	.5000-24UNJS	.4375-24UNJS	.724	.275	.275	.338
0603	.5625-20UNJS	.3750-28UNJS	.716	.233	.295	.339
0604	.5625-20UNJS	.4375-24UNJS	.758	.275	.295	.348
0605	.5625-20UNJS	.5000-24UNJS	.758	.275	.295	.362
0803	.7188-20UNJS	.3750-28UNJS	.783	.233	.308	.377
0804	.7188-20UNJS	.4375-24UNJS	.825	.275	.308	.385
0805	.7188-20UNJS	.5000-24UNJS	.825	.275	.308	.399
0806	.7188-20UNJS	.5625-20UNJS	.845	.295	.308	.418
1004	.8438-18UNJS	.4375-24UNJS	.939	.275	.372	.466
1005	.8438-18UNJS	.5000-24UNJS	.939	.275	.372	.480
1006	.8438-18UNJS	.5625-20UNJS	.959	.295	.372	.499
1008	.8438-18UNJS	.7188-20UNJS	.972	.308	.372	.528
1204	1.0000-16UNJ	.4375-24UNJS	.987	.275	.412	.475
1205	1.0000-16UNJ	.5000-24UNJS	.987	.275	.412	.488
1206	1.0000-16UNJ	.5625-20UNJS	1.007	.295	.412	.507
1208	1.0000-16UNJ	.7188-20UNJS	1.020	.308	.412	.536
1210	1.0000-16UNJ	.8438-18UNJS	1.084	.372	.412	.569
1404	1.1250-16UNJ	.4375-24UNJS	1.011	.275	.430	.464
1405	1.1250-16UNJ	.5000-24UNJS	1.011	.275	.430	.478
1406	1.1250-16UNJ	.5625-20UNJS	1.031	.295	.430	.497
1408	1.1250-16UNJ	.7188-20UNJS	1.044	.308	.430	.526
1410	1.1250-16UNJ	.8438-18UNJS	1.108	.372	.430	.559
1412	1.1250-16UNJ	1.0000-16UNJ	1.148	.412	.430	.598
1604	1.2500-14UNJS	.4375-24UNJS	1.107	.275	.460	.533
1605	1.2500-14UNJS	.5000-24UNJS	1.107	.275	.460	.547
1606	1.2500-14UNJS	.5625-20UNJS	1.127	.295	.460	.566
1608	1.2500-14UNJS	.7188-20UNJS	1.140	.308	.460	.595
1610	1.2500-14UNJS	.8438-18UNJS	1.204	.372	.460	.627
1612	1.2500-14UNJS	1.0000-16UNJ	1.244	.412	.460	.667
1614	1.2500-14UNJS	1.1250-16UNJ	1.262	.430	.460	.702
2004	1.5781-14UNJS	.4375-24UNJS	1.144	.275	.457	.496
2006	1.5781-14UNJS	.5625-20UNJS	1.164	.295	.457	.529
2008	1.5781-14UNJS	.7188-20UNJS	1.177	.308	.457	.558
2010	1.5781-14UNJS	.8438-18UNJS	1.241	.372	.457	.590
2012	1.5781-14UNJS	1.0000-16UNJ	1.281	.412	.457	.631
2014	1.5781-14UNJS	1.1250-16UNJ	1.299	.430	.457	.666
2016	1.5781-14UNJS	1.2500-14UNJS	1.329	.460	.457	.692



AEROSPACE STANDARD

FITTING, UNION,
REDUCER, BEAM SEALAS4212
SHEET 2 OF 4REV.
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TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS4212 /16/ SIZE CODE	E	F ±.010	V	LB/EA MAX CRES	LB/EA MAX TI
0403	.490-.502	.480	.568	.0236	.0134
0504	.552-.565	.542	.638	.0322	.0184
0603	.615-.628	.605	.709	.0366	.0209
0604	.615-.628	.605	.709	.0393	.0224
0605	.615-.628	.605	.709	.0405	.0231
0803	.740-.753	.730	.851	.0622	.0356
0804	.740-.753	.730	.851	.0648	.0370
0805	.740-.753	.730	.851	.0657	.0376
0806	.740-.753	.730	.851	.0659	.0377
1004	.865-.878	.855	.993	.0989	.0565
1005	.865-.878	.855	.993	.0996	.0569
1006	.865-.878	.855	.993	.0994	.0568
1008	.865-.878	.855	.993	.104	.0592
1204	1.050-1.065	1.040	1.190	.142	.0811
1205	1.050-1.065	1.040	1.190	.143	.0814
1206	1.050-1.065	1.040	1.190	.142	.0813
1208	1.050-1.065	1.040	1.190	.146	.0836
1210	1.050-1.065	1.040	1.190	.150	.0857
1404	1.176-1.191	1.166	1.330	.179	.102
1405	1.176-1.191	1.166	1.330	.179	.102
1406	1.176-1.191	1.166	1.330	.179	.102
1408	1.176-1.191	1.166	1.330	.183	.104
1410	1.176-1.191	1.166	1.330	.186	.107
1412	1.176-1.191	1.166	1.330	.187	.107
1604	1.300-1.317	1.290	1.470	.251	.143
1605	1.300-1.317	1.290	1.470	.251	.143
1606	1.300-1.317	1.290	1.470	.250	.143
1608	1.300-1.317	1.290	1.470	.253	.144
1610	1.300-1.317	1.290	1.470	.254	.145
1612	1.300-1.317	1.290	1.470	.253	.144
1614	1.300-1.317	1.290	1.470	.249	.142
2004	1.613-1.630	1.603	1.788	.412	.236
2006	1.613-1.630	1.603	1.788	.411	.235
2008	1.613-1.630	1.603	1.788	.413	.236
2010	1.613-1.630	1.603	1.788	.414	.237
2012	1.613-1.630	1.603	1.788	.410	.234
2014	1.613-1.630	1.603	1.788	.405	.232
2016	1.613-1.630	1.603	1.788	.407	.232



AEROSPACE STANDARD

FITTING, UNION,
REDUCER, BEAM SEALAS4212
SHEET 3 OF 4REV.
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